

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



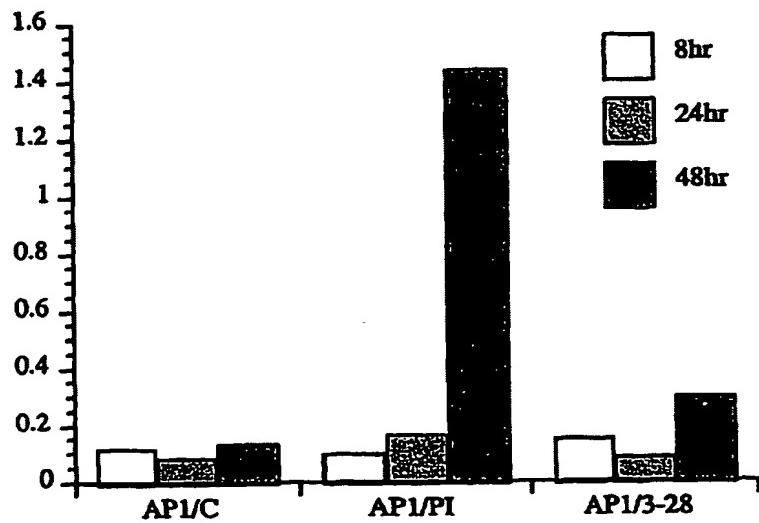
(43) International Publication Date
16 June 2005 (16.06.2005)

PCT

(10) International Publication Number
WO 2005/054485 A2

- (51) International Patent Classification⁷: C12N 15/861
- (21) International Application Number:
PCT/US2004/040054
- (22) International Filing Date: 1 December 2004 (01.12.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/526,009 1 December 2003 (01.12.2003) US
- (71) Applicant (for all designated States except US): AVEN-TIS PHARMACEUTICALS INC. [US/US]; 300 Somerset Corporate Boulevard, Bridgewater, NJ 08807-2854 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): HAHN, Chang, S. [KR/US]; 301 Trinity Court #1, Princeton, NJ 08540 (US). LI, Li [CN/US]; 2202 Taggart Drive, Belle Mead, NJ 08502 (US).
- (74) Agents: KRUPEN, Karen, L et al.; Aventis Pharmaceuticals Inc., Route 202-206, P.O. Box 6800, Bridgewater, NJ 08807-0800 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AB, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Declarations under Rule 4.17:
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations
 - of inventorship (Rule 4.17(iv)) for US only
- Published:
- without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ADENOVIRUS-TRANSFECTED PRIMARY CELLS AND METHODS OF PATHWAY MAPPING



(57) Abstract: A primary cell culture is transfected with a vector comprising a reporter gene operatively linked to a cis-element. Expression of a candidate regulatory protein is induced in the cell culture and its effects on the cis-element are assayed.

WO 2005/054485 A2

BEST AVAILABLE COPY